

20031102.qrp v03_n092.qrl.20031102

Date: Sun, 2 Nov 2003 19:03:05 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3092

QRP-L Digest 3092

Topics covered in this issue include:

- 1) [160477] Re: Slow Speed CW sprint??
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 2) [160478] SWR meter
by Karl Larsen <k5di@zianet.com>
- 3) [160479] Re: Solar/Propagation for SS
by na5n@zianet.com
- 4) [160480] N0LX Sunspot Photo on CQC Web Site
by Roger J Wendell <zeekzilch@juno.com>
- 5) [160481] Re: SWR meter
by "Jason Hsu" <jhs001@heronetwork.com>
- 6) [160482] Re: For sale: DSW-40 and K1
by "Pat Whelton" <pwhelton@earthlink.net>
- 7) [160483] SM4DDE on 10.111 @ 0144z Nov 2 /03
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
- 8) [160484] Regen Receiver Fun
by Ted Albert <ted.albert@fuse.net>
- 9) [160485] Re: For sale: DSW-40 and K1
by "Rod N0RC" <rod@n0rc.us>
- 10) [160486] Re: For sale: DSW-40 and K1
by "Pat Whelton" <pwhelton@earthlink.net>
- 11) [160487] Re: For sale: DSW-40 and K1
by "Paul Valko" <w8kc@comcast.net>
- 12) [160488] J P0le
by "Dale Parfitt" <par@parelectronics.com>
- 13) [160489] Wooden Boxes
by "Dale Parfitt" <par@parelectronics.com>
- 14) [160490] Re: For sale: DSW-40 and K1
by "Rod N0RC" <rod@n0rc.us>
- 15) [160491] Radios For Sale
by "Michael Moreth" <n9ogc@hotmail.com>
- 16) [160492] FOX: AC7A November 4th
by "Thomas Kuehl" <ac7a@earthlink.net>
- 17) [160493] Re: SWR meter
by Steven Weber <kd1jv@moose.ncia.net>
- 18) [160494] Re: For sale: DSW-40 and K1
by "Tim Kass" <timkass@hotmail.com>
- 19) [160495] Re: Regen Receiver Fun

- by "Leon Heller" <leon_heller@hotmail.com>
- 20) [160496] For sale: DSW-40 and K1 (reposted)
by Bruce Grubbs <mail@brucegrubbs.com>
- 21) [160497] Re: For sale: DSW-40 and K1
by Bruce Grubbs <mail@brucegrubbs.com>
- 22) [160498] Re: For sale: DSW-40 and K1
by "Dave Ek" <ekdave@earthlink.net>
- 23) [160499] Info on Buying Laptop
by "Francis Callahan" <colcal@srv.net>
- 24) [160500] Re: Info on Buying Laptop
by "JessMX5" <jessmx5@earthlink.net>
- 25) [160501] Re: For sale: DSW-40 and K1
by Bruce Grubbs <mail@brucegrubbs.com>
- 26) [160502] Coax PL-259 soldering--THANKS
by ARDUJENSKI@aol.com
- 27) [160503] Re: Info on Buying Laptop
by "John J. McDonough" <wb8rcr@arrl.net>
- 28) [160504] WTB Timewave DSP 9
by "George Osier" <gosier@twcnny.rr.com>
- 29) [160505] Re: Info on Buying Laptop
by "sjolin" <sjolin@swbell.net>
- 30) [160506] The sun done blowed up Paw!
by "Emmersome Bigguns" <n8ie@woh.rr.com>
- 31) [160507] Re: The sun done blowed up Paw!
by "Rod N0RC" <rod@n0rc.us>
- 32) [160508] Re: Info on Buying Laptop
by "Tom Dufresne" <tdufres@hotmail.com>
- 33) [160509] RE: Info on Buying Laptop
by Adam Farson <farson@shaw.ca>
- 34) [160510] Re: For sale: DSW-40 and K1
by "W. Keith Hibbert" <wkhibbert@frontiernet.net>
- 35) [160511] Re: The sun done blowed up Paw!
by Peter Burbank <peterlee@qx.net>
- 36) [160512] Possible KX1 field antenna on sale at RadioShack
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 37) [160513] Re: [fpqrp] The sun done blowed up Paw!
by John Sielke <jsielke@pobox.com>
- 38) [160514] Computer Info
by "Francis Callahan" <colcal@srv.net>
- 39) [160515] Re: The sun done blowed up Paw!
by "Igor Bubnov" <rx3dty@amsat.org>
- 40) [160516] Re: The sun done blowed up Paw!
by "Armin Hachmer" <armin@muskoka.com>
- 41) [160517] Need manual for MICROCRAFT CODE STAR
by Kenneth Laine Ketner <ketner@arisbeassociates.com>
- 42) [160518] sr@hfradio.org: e-alert 11.02 18:10 UTC
by Rick McKee <kc8aon@juno.com>
- 43) [160519] new Yahoo Group..Electronics/Elec Components and Ham radio.

- by ve3ab@mail.mondenet.com
- 44) [160520] Re: Regen Receiver Fun
by "PHILIP DECAIRE" <pedecaire@email.msn.com>
- 45) [160521] Re: Possible KX1 field antenna on sale at RadioShack
by "Brian Murrey" <brian@iquest.net>
- 46) [160522] FS: IC-703
by Jim Crooke <crooke@crooke.us>
- 47) [160523] Re: Info on Buying Laptop
by "KB0VCC" <kb0vcc@Adelphia.Net>
- 48) [160524] Re: Info on Buying Laptop
by "John J. McDonough" <wb8rcr@arrl.net>
- 49) [160525] RE: Regen Receiver Fun
by "Sverre Holm" <la3za@qsl.net>
- 50) [160526] PAC-12 and Tenna Dipper - long, biased
by "n2cx" <n2cx@voicenet.com>
- 51) [160527] Re: Info on Buying Laptop
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 52) [160528] Re: zip cord j-pole?
by Tom Severt <n2uhc@yahoo.com>
- 53) [160529] Re: Need manual for MICROCRAFT CODE STAR
by KJ7UN <kj7un@kj7un.com>
- 54) [160530] Re: Info on Buying Laptop
by "Mike Gusk" <mgusk@bellsouth.net>
- 55) [160531] Re: Info on Buying Laptop
by <bill@n4qa.com>

Date: Sat, 1 Nov 2003 18:49:39 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <jsielke@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160477] Re: Slow Speed CW sprint??
Message-ID: <002501c3a0d2\$d0b1dec0\$4339ca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All this takes me back to my novice days. If I had not had many ops, many times, I wouldn't have ever arrived at the "golden altar" of "20" wpm!!! Please don't ever ignore the "slow operator". That may be a "newcomer", or it may be an "oldtimer" who may not be able to follow the ":new" or "hi speed" operator.

please think about it, friends!!!!!!!

carl / kz5ca

----- Original Message -----

From: "John Sielke" <jsielke@pobox.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, November 01, 2003 5:43 PM
Subject: Re: Slow Speed CW sprint??

> > If you really want to use code you really want to do it well. So
> > we should keep the CW speed above 15 WPM for all QRP CW contests. Give
> > the new guys something to shoot at.
> >
> >
> >
> Right! Meanwhile they are excluded? Not too clever a way to encourage
> folks to develop a liking for CW.
>
> John W2AGN
>

Date: Sat, 1 Nov 2003 16:59:11 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [160478] SWR meter
Message-ID: <Pine.LNX.4.44.0311011652480.4690-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a screwdriver antenna and a TS-50 radio in my car. I need
a swr meter that has led or liquid crystal display of the reverse power
just like, for example, the FT-817 does in the SWR mode.

It needs to be in a small box with just antenna out and rig in.
And it needs to read accurate SWR at 5-10 watts and not burn out at 100
watts CW. Does anyone have such a thing or plans to build one?

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 01 Nov 2003 17:07:23 -0700
From: na5n@zianet.com
To: n5ib@juno.com

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160479] Re: Solar/Propagation for SS
Message-ID: <20031102000724.13229.qmail@klaatu.zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

James R Giammanco writes:

> The D layer, being at a lower altitude, is somewhat more dense than the E
> and F layers. That is, the particles, both the free electrons and their
> "parent" ions are relatively closer together. When a radio wave comes
> along and causes the particles to "wiggle" due to the oscillating
> electric and magnetic fields of the wave, it's more likely that the
> particles will collide with other particles and/or recombine into neutral
> atoms again. These collisions use up energy - the energy of the wave.
> That's what causes the attenuation. And the more highly ionized the D
> layer is, the more frequent the collisions and the greater the
> attenuation.

>

> At higher altitudes the particle density is lesser and there are not so
> many interactions. The waves are rfracted moreso than absorbed.

>

> OK Paul, I've turned in my exam paper - now waiting for you to grade it
> :^))

>

> 72

> Jim N5IB

Jim, excellent job. A+. I couldn't have said it better myself.
72, Paul NA5N

Date: Sat, 1 Nov 2003 17:14:06 -0700
From: Roger J Wendell <zeekzilch@juno.com>
To: cqclist@yahooogroups.com, qrp-1@Lehigh.EDU
Subject: [160480] N0LX Sunspot Photo on CQC Web Site
Message-ID: <20031101.171409.2368.4.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CQC member # 720, N0LX, took this great
photo of last week's sunspots:

<http://www.cqc.org/gallery/misc/index.htm>

Roger
WB0JNR
CQC Webmaster
<http://www.RogerWendell.com>

-

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 1 Nov 2003 20:07:28 -0500
From: "Jason Hsu" <jhs001@heronetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160481] Re: SWR meter
Message-ID: <002e01c3a0dd\$b31acb00\$64923144@aolids1.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check out my QROP Meter design at <http://www.jasonhsu.com/ee.html> , where I describe how to build it and how it works.

The capabilities:

1. QRP and QRO: 200mW to over 100W
2. 10-LED SWR meter display and 10-LED wattmeter display
3. Good resolution at high SWR levels, even SWR levels above 5
4. Better QRP accuracy than conventional MFJ SWR meters
5. NO calibration required

If you like the design, be sure to spread the word.

Jason Hsu, AG4DG
personal AAAAAATTTTTT jasonhsu.com

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, November 01, 2003 6:59 PM

Subject: SWR meter

>

> I have a screwdriver antenna and a TS-50 radio in my car. I need
> a swr meter that has led or liquid crystal display of the reverse power
> just like, for example, the FT-817 does in the SWR mode.

>

> It needs to be in a small box with just antenna out and rig in.
> And it needs to read accurate SWR at 5-10 watts and not burn out at 100
> watts CW. Does anyone have such a thing or plans to build one?

>

Date: Sat, 1 Nov 2003 19:08:21 -0600

From: "Pat Whelton" <pwhelton@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [160482] Re: For sale: DSW-40 and K1

Message-ID: <00e801c3a0dd\$cf230060\$8901a8c0@Earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Not sure if anyone has told you yet or not but n7cee.brucegrubbs.com/rigs is not a valid website address.

----- Original Message -----

From: "Bruce Grubbs" <mail@brucegrubbs.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, November 01, 2003 4:28 PM

Subject: For sale: DSW-40 and K1

> I'm selling a Small Wonder Labs DSW-40 with manual, the blue heavy duty
> anodized cabinet, an ultralight custom foam case, a halfwave end fed
antenna,
> film can tuner, and a power plug. The DSW-40 is in very good condition
> mechanically, with a couple of small scratches on the enclosure. The
antenna
> includes a 1/4 wave counterpoise, and works with the included film can
tuner.

> The tuner has a built in N7VE LED SWR indicator, but normally does not
need
> to be retuned, once set. I'm also including circuit notes on the tuner.
This
> is a complete lightweight field station, needing only a battery pack,
paddle,
> and earphones for operation. I'm asking \$140.
>
> I'm also selling an Elecraft K1, SN 510, with the built in automatic
antenna
> tuner and noise blanker options. This is the four band version, covering
40,
> 30, 20, and 15 meters. The 4 band filter board has been modified
Elecraft's
> blue trimmer caps, which allows operation in a wide range of ambient
> temperatures without detuning. The package includes the manuals, the wide
> range tilt stand, a Paddlette Backpacker K1, a power cord, and a custom
> ultralight foam case. The Paddlette mounts on the base of the tilt stand,
or
> on the left rear corn of the K1. You can also use the Paddlette leg mount,
> which is included. This is a complete station needing only a power supply
and
> antenna. The K1 is in excellent condition electrically and mechanically.
I'm
> asking \$550 for the package.
>
> You can see photos of both rigs and their accessories at
>
> n7cee.brucegrubbs.com/rigs
>
> Please email with any questions.
>
> 73,
> Bruce
> N7CEE
>
> --
> Bruce Grubbs
> Flagstaff, Arizona
> E-mail: mail@brucegrubbs.com
>
>

Date: Sat, 1 Nov 2003 20:59:14 -0500
From: "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160483] SM4DDE on 10.111 @ 0144z Nov 2 /03
Message-ID: <001101c3a0e4\$eb3c4890\$bb05d3d8@flesnick>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, since the other bands are full of SS'ers, I took a stroll up to good ol' 30 meters. Just worked Gunnar in Hedemora Sweden where it is raining. Some slight aurora on his signal, but a solid 559 peaking 579, he was running 200 watts....into a 2 element yagi....
I got a 559 and was running 40 watts into a dipole, when I dropped to 5 watts I was still 539...

We always have WARC bands to get away from the rat race on the other bands.

Fred
VE3FAL

Date: Sat, 1 Nov 2003 21:22:36 -0500
From: Ted Albert <ted.albert@fuse.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160484] Regen Receiver Fun
Message-ID: <200311012122.36136.ted.albert@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Well, I really thought I had worked this out of my system three years ago, but the regen receiver bug bit hard again four weeks ago while reading up on receivers in the excellent book, Experimental Methods in RF Design. Then I found the famous QRPP Special Regen Issue and I knew I was going to have go through this again. :-)

This time, however, I have been enjoying SWLing with the solid-state regens I built rather than trying to use them as communication receivers coupled with a transmitter for QSOs, and I must say the sensitivity, selectivity, and audio quality are just truly amazing. For the past month I have been using the MFJ WorldBand 8100 Regen and the TenTec 9 Band Regen to discover the joy of SWLing with a regen receiver.

This afternoon, while working in the basement shack I found RTE Radio 1 (Ireland) on 13.640 just booming in with nothing more than two hookup leads for an antenna connected to the TenTec 9 band regen . We are talking maybe two feet of wire for an antenna in the basement, and the audio was fantastic.

And it has been like that for the past four weeks. I have rediscovered the fun of SWLing and the DX stations that I have found on 31 and 25 meters just cause me to shake my head in amazement at times as to what a simple transistor circuit can achieve using just a couple of feet of wire as an antenna. Oh, and those receivers do a fine job for checking the activity on the ham bands when I'm upstairs in the study.

I did make one contact today on 40 CW with another solid-state regen I built a few years ago and the secret there is to have separate sidetone monitoring and netting the receiver to the transmitter using very, very low power. I think a 2N2222 xtal osc circuit to serve as a marker with some of the QRP frequency xtals I have will do the trick in the future.

So now I'm trying to decide whether to build the PipSqueak or the WBR special next.

Anyone else on the list "suffering" with regen madness these days?

72 de Ted, AB8FJ

Date: Sat, 1 Nov 2003 19:29:37 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: <pwhelton@earthlink.net>, "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [160485] Re: For sale: DSW-40 and K1
Message-ID: <009d01c3a0e9\$29a5ed30\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Why not Pat? It works fine for me, and takes me to a webpage with a list of files that can be viewed. If the name troubles you "n7cee.brucegrubbs.com", because it has no "www" in it, rest assured the name is irrelevant. The "www" stuff is just convention, it can be anything, as long as the name is registered correctly with a nameserver that converts it to an IP address. n7cee.brucegrubbs.com resolves to 64.235.234.100 so all is well.

73, Rod N0RC

----- Original Message -----

From: "Pat Whelton" <pwhelton@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, November 01, 2003 6:08 PM
Subject: Re: For sale: DSW-40 and K1

> Not sure if anyone has told you yet or not but
n7cee.brucegrubbs.com/rigs is
> not a valid website address.

Date: Sat, 1 Nov 2003 20:37:13 -0600
From: "Pat Whelton" <pwhelton@earthlink.net>
To: "Rod N0RC" <rod@n0rc.us>, "qrp-1" <qrp-1@lehigh.edu>
Subject: [160486] Re: For sale: DSW-40 and K1
Message-ID: <016801c3a0ea\$39293860\$8901a8c0@Earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

All I know Rod is I get the following message:

The page cannot be displayed
The page you are looking for is currently unavailable. The Web site might be
experiencing technical difficulties, or you may need to adjust your browser
settings.

Please try the following:

Click the Refresh button, or try again later.

If you typed the page address in the Address bar, make sure that it is
spelled correctly.

To check your connection settings, click the Tools menu, and then click
Internet Options. On the Connections tab, click Settings. The settings
should match those provided by your local area network (LAN) administrator

or Internet service provider (ISP).

If your Network Administrator has enabled it, Microsoft Windows can examine your network and automatically discover network connection settings.

If you would like Windows to try and discover them, click Detect Network Settings

Some sites require 128-bit connection security. Click the Help menu and then click About Internet Explorer to determine what strength security you have installed.

If you are trying to reach a secure site, make sure your Security settings can support it. Click the Tools menu, and then click Internet Options. On the Advanced tab, scroll to the Security section and check settings for SSL 2.0, SSL 3.0, TLS 1.0, PCT 1.0.

Click the Back button to try another link.

Cannot find server or DNS Error
Internet Explorer

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>

To: <pwhelton@earthlink.net>; "qrp-1" <qrp-1@Lehigh.EDU>

Sent: Saturday, November 01, 2003 8:29 PM

Subject: Re: For sale: DSW-40 and K1

> Why not Pat? It works fine for me, and takes me to a webpage with a list
> of files that can be viewed. If the name troubles you
> "n7cee.brucegrubbs.com", because it has no "www" in it, rest assured the
> name is irrelevant. The "www" stuff is just convention, it can be
> anything, as long as the name is registered correctly with a nameserver
> that converts it to and IP address. n7cee.brucegrubbs.com resolves to
> 64.235.234.100 so all is well.

>
> 73, Rod N0RC

>
>

> ----- Original Message -----

> From: "Pat Whelton" <pwhelton@earthlink.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Saturday, November 01, 2003 6:08 PM

> Subject: Re: For sale: DSW-40 and K1

>
>

> > Not sure if anyone has told you yet or not but
> n7cee.brucegrubbs.com/rigs is
> > not a valid website address.

>

>
>
>

Date: Sat, 1 Nov 2003 21:52:48 -0500
From: "Paul Valko" <w8kc@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160487] Re: For sale: DSW-40 and K1
Message-ID: <00c301c3a0ec\$6676e5e0\$6501a8c0@p4main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Pat Whelton" <pwhelton@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, November 01, 2003 8:08 PM
Subject: Re: For sale: DSW-40 and K1

> Not sure if anyone has told you yet or not but n7cee.brucegrubbs.com/rigs
is
> not a valid website address.

Uhh... not sure if anyone has told you yet, but yes, it certainly is a valid
website addy.

73 =paul= w8kc

coming soon... <http://tentec.w8kc.com>

Date: Sat, 1 Nov 2003 22:18:35 -0500
From: "Dale Parfitt" <par@parelectronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160488] J POle
Message-ID: <016701c3a0f0\$01d04f10\$ebc0f043@D57H2931>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave,

Two things come to mind regarding using zip cord in a jpole

1. J poles can get pretty long at HFeg- 99' at 40M
2. The vinyl covering on zip cord will be a bit lossy in the 1/4 wave transformer section especially at the hi Z end.

You might want to look at our series of EndFedz at:

http://parelectronics.com/end_fedz.htm

73,

Dale W40P

Date: Sat, 1 Nov 2003 22:20:14 -0500
From: "Dale Parfitt" <par@parelectronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160489] Wooden Boxes
Message-ID: <017101c3a0f0\$3d82e6d0\$ebc0f043@D57H2931>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am new to the list and thought some might be interested in a regen I built last year using a single 6AF11 Compactron tube:

<http://parelectronics.com/pics/regen2.jpg>

The circuit is from a General Electric Hobby Manual 1965:

<http://www.jvgavila.com/compac.htm>

Cabinet is hand rubbed walnut with finger joints.

These radios are more fun to build than use- one quickly tires of the lack of selectivity and all the features of our modern rigs. My favorite is my home brew superhet

http://www.elecrafter.com/PictureGallery/NewPics2/w4op_rx_ec2.jpg

Circuit design by KE90A

(<http://home.att.net/~n.gianakopoulos/wsb/html/view.cgi-contact.html-.html>).

73,

Dale W40P

Date: Sat, 1 Nov 2003 20:43:55 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: <pwhelton@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160490] Re: For sale: DSW-40 and K1
Message-ID: <00cd01c3a0f3\$8b1c2340\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Not sure I can help further Pat, sorry.

Best to contact your ISP's help desk and ask why you can't access the site. My guess is that it has something to do with Earthlink's [your ISP] aggressive spam/virus/pop-up-blocker...??? policies/methodologies.

GL
73, Rod N0RC

----- Original Message -----
From: "Pat Whelton" <pwhelton@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, November 01, 2003 7:37 PM
Subject: Re: For sale: DSW-40 and K1

> All I know Rod is I get the following message:
>
> The page cannot be displayed
> The page you are looking for is currently unavailable. The Web site
might be
> experiencing technical difficulties, or you may need to adjust your
browser
> settings.
...

Date: Sat, 01 Nov 2003 22:01:47 -0600
From: "Michael Moreeth" <n9ogc@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [160491] Radios For Sale
Message-ID: <BAY8-F74uT040mtI7GZ0001859c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Radios For Sale

MFJ-9420--20 meter SSB \$175.00
Original box, manual, and mic.

HTX-100--10 meter SSB/CW \$75.00
Original box, manual, mic, and mounting bracket.

FT-411E--2 Meter FM HT \$75.00
Original box, manual, antenna, dead battery, and charger.

PRC-127--VHF FM HT \$250.00
Military issue 130-162 keyboard programmable. With FB 10V battery, rapid charger, AA battery pack, speaker mic, antenna, copy of manual, keyboard cover, and green nylon case.

Add shipping from Chicago.

Michael, N90GC
n9ogc@arrl.net
<http://groups.msn.com/N90GC>

Surf and talk on the phone at the same time with broadband Internet access.
Get high-speed for as low as \$29.95/month (depending on the local service providers in your area). <https://broadband.msn.com>

Date: Sat, 1 Nov 2003 22:43:59 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160492] FOX: AC7A November 4th
Message-ID: <001d01c3a104\$505b55d0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Hounds!

It will be my pleasure to serve as one of the FOXes this coming Tuesday, November 4th. Remember to vote early out west so you don't miss the beginning of the hunt.

I plan to hang to the high side of 7.040MHz, up a couple of kHz. The frequency will be selected to avoid a QRM situation. I'll be listening UP from there. The set up will be my trusty K2 and the 5/16 vertical.

Let's hope for good conditions.

Regards, Thomas - AC7A (Tucson)

Date: Sun, 02 Nov 2003 00:41:34 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: k5di@zianet.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160493] Re: SWR meter
Message-ID: <3.0.6.32.20031102004134.0079f100@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> It needs to be in a small box with just antenna out and rig in.
>And it needs to read accurate SWR at 5-10 watts and not burn out at 100
>watts CW. Does anyone have such a thing or plans to build one?
>

Elecraft has a new SWR meter kit with LED bargraph display which would do the trick.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 02 Nov 2003 01:15:53 -0500
From: "Tim Kass" <timkass@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [160494] Re: For sale: DSW-40 and K1
Message-ID: <BAY2-F1431Y8sI2jpuS000470d0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Bruces site is NOT a www site... had same first problem.... try
<http://n7cee.brucegrubbs.com/rigs>
then it works FB....

>From: Bruce Grubbs <mail@brucegrubbs.com>
>Reply-To: mail@brucegrubbs.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: For sale: DSW-40 and K1
>Date: Sat, 1 Nov 2003 15:28:00 -0700
>
>I'm selling a Small Wonder Labs DSW-40 with manual, the blue heavy duty
>anodized cabinet, an ultralight custom foam case, a halfwave end fed
>antenna,
>film can tuner, and a power plug. The DSW-40 is in very good condition
>mechanically, with a couple of small scratches on the enclosure. The
>antenna
>includes a 1/4 wave counterpoise, and works with the included film can
>tuner.
>The tuner has a built in N7VE LED SWR indicator, but normally does not need
>to be retuned, once set. I'm also including circuit notes on the tuner.
>This
>is a complete lightweight field station, needing only a battery pack,
>paddle,
>and earphones for operation. I'm asking \$140.
>
>I'm also selling an Elecraft K1, SN 510, with the built in automatic
>antenna
>tuner and noise blanker options. This is the four band version, covering
>40,
>30, 20, and 15 meters. The 4 band filter board has been modified Elecraft's
>blue trimmer caps, which allows operation in a wide range of ambient
>temperatures without detuning. The package includes the manuals, the wide
>range tilt stand, a Paddlette Backpacker K1, a power cord, and a custom
>ultralight foam case. The Paddlette mounts on the base of the tilt stand,
>or
>on the left rear corn of the K1. You can also use the Paddlette leg mount,
>which is included. This is a complete station needing only a power supply
>and
>antenna. The K1 is in excellent condition electrically and mechanically.
>I'm
>asking \$550 for the package.
>
>You can see photos of both rigs and their accessories at
>
>n7cee.brucegrubbs.com/rigs
>

>Please email with any questions.

>

>73,

>Bruce

>N7CEE

>

>--

>Bruce Grubbs

>Flagstaff, Arizona

>E-mail: mail@brucegrubbs.com

>

Concerned that messages may bounce because your Hotmail account has exceeded its 2MB storage limit? Get Hotmail Extra Storage!
<http://join.msn.com/?PAGE=features/es>

Date: Sun, 02 Nov 2003 08:35:26 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [160495] Re: Regen Receiver Fun
Message-ID: <Law15-F44rqIcG2aAj00008172@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Ted Albert <ted.albert@fuse.net>
>Reply-To: ted.albert@fuse.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Regen Receiver Fun
>Date: Sat, 1 Nov 2003 21:22:36 -0500

>

>Well, I really thought I had worked this out of my system three years
>ago, but the regen receiver bug bit hard again four weeks ago while
>reading up on receivers in the excellent book, Experimental Methods in
>RF Design. Then I found the famous QRPp Special Regen Issue and I knew
>I was going to have go through this again. :-)

[deleted]

When decent HF and VHF transistors like the Ge Mullard OC171 first appeared around 1960 I built a little 2 transistor Rx (about 3" x 2") from a design in a mag. for listening to the BBC MW stations. It used both regeneration

and reflex techniques, and worked very well with a 2" long ferrite rod antenna.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947
Email: aqzf13 at dsl dot pipex dot com
WWW: http://www.geocities.com/leon_heller

It's fast, it's easy and it's free. Get MSN Messenger today!
<http://www.msn.co.uk/messenger>

Date: Sun, 2 Nov 2003 07:59:15 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160496] For sale: DSW-40 and K1 (reposted)
Message-ID: <200311020759.15771.mail@brucegrubbs.com>
MIME-Version: 1.0
Content-Disposition: inline
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm reposting this with the full URL below, to clear up the confusion!

I'm selling a Small Wonder Labs DSW-40 with manual, the blue heavy duty anodized cabinet, an ultralight custom foam case, a halfwave end fed antenna, film can tuner, and a power plug. The DSW-40 is in very good condition mechanically, with a couple of small scratches on the enclosure. The antenna includes a 1/4 wave counterpoise, and works with the included film can tuner. The tuner has a built in N7VE LED SWR indicator, but normally does not need to be retuned, once set. I'm also including circuit notes on the tuner. This is a complete lightweight field station, needing only a battery pack, paddle, and earphones for operation. I'm asking \$140.

I'm also selling an Elecraft K1, SN 510, with the built in automatic antenna tuner and noise blanker options. This is the four band version, covering 40, 30, 20, and 15 meters. The 4 band filter board has been modified Elecraft's blue trimmer caps, which allows operation in a wide range of ambient temperatures without detuning. The package includes the manuals, the wide range tilt stand, a Paddlette Backpacker K1, a power cord, and a custom ultralight foam case. The Paddlette mounts on the base of the tilt stand, or on the left rear corn of the K1. You can also use the Paddlette leg mount, which is included. This is a complete station needing only a power supply and

antenna. The K1 is in excellent condition electrically and mechanically. I'm asking \$550 for the package.

You can see photos of both rigs and their accessories at

<http://n7cee.brucegrubbs.com/rigs>

Please email with any questions.

73,
Bruce
N7CEE

--

Bruce Grubbs
Flagstaff, Arizona
E-mail: mail@brucegrubbs.com

Date: Sun, 2 Nov 2003 08:01:11 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160497] Re: For sale: DSW-40 and K1
Message-ID: <200311020801.11353.mail@brucegrubbs.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Saturday 01 November 2003 11:15 pm, Tim Kass wrote:
> Bruces site is NOT a www site... had same first problem.... try
> <http://n7cee.brucegrubbs.com/rigs>
> then it works FB....
>
>

I've reposted with the full URL... Thanks for the feedback. My browser (Opera) handles non-www URL's without the <http://>, but not all do.

73,
Bruce
N7CEE

Date: Sun, 2 Nov 2003 08:15:09 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [160498] Re: For sale: DSW-40 and K1
Message-ID: <002101c3a154\$1b3a8290\$6801a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It's not an Earthlink thing--I can get to it FB.

73 de Dave NK0E

Rod wrote:

Not sure I can help further Pat, sorry.

Best to contact your ISP's help desk and ask why you can't access the site. My guess is that it has something to do with Earthlink's [your ISP] aggressive spam/virus/pop-up-blocker...??? policies/methodologies.

GL
73, Rod N0RC

Date: Sun, 2 Nov 2003 08:37:01 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [160499] Info on Buying Laptop
Message-ID: <000b01c3a157\$2d30b7a0\$9eca1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am thinking of getting a laptop computer. It will only be used for e mail weather reports instant messenger reading news papers and ham radio. It won't be used for any files or personal stuff. I have been looking at Dell or Gateway. Any suggestions or info would be greatly appreciated Thanks Cal
KF7ET

Date: Sun, 2 Nov 2003 09:01:34 -0700
From: "JessMX5" <jessmx5@earthlink.net>
To: "Francis Callahan" <colcal@srv.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [160500] Re: Info on Buying Laptop
Message-ID: <006701c3a15a\$982fbda0\$7f01a8c0@Jess>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kinda like asking for someone's interpretation of the Bible. :-)

Jess AE0CW

----- Original Message -----

From: "Francis Callahan" <colcal@srv.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, November 02, 2003 8:37 AM
Subject: Info on Buying Laptop

> I am thinking of getting a laptop computer. It will only be used for e
mail
> weather reports instant messenger reading news papers and ham radio. It
> won't be used for any files or personal stuff. I have been looking at
Dell
> or Gateway. Any suggestions or info would be greatly appreciated Thanks
Cal
> KF7ET
>
>

Date: Sun, 2 Nov 2003 09:26:56 -0700
From: Bruce Grubbs <mail@brucegrubbs.com>
To: ekdave@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160501] Re: For sale: DSW-40 and K1
Message-ID: <200311020926.56259.mail@brucegrubbs.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"
Content-Transfer-Encoding: 7bit

Content-Disposition: inline

The DSW-40 is spoken for.

I'll be happy to email the photos of the K1 directly to anyone who can't get to the URL.

73,
Bruce
N7CEE

Date: Sun, 2 Nov 2003 11:36:14 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [160502] Coax PL-259 soldering--THANKS
Message-ID: <148.1bacacbc.2cd68c7e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I received a wealth of tips and suggestions as to proper soldering methods and procedures that went beyond the standard handbook guides. I want to thank you all for taking the time to address a fairly basic question. This showed that you can teach an old dog new tricks (smile). Looking forward to working you with my REAL QRP set up (Hallicrafters HT-18 and S-53A).

Best wishes to you all----

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Sun, 2 Nov 2003 11:36:07 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Francis Callahan" <colcal@srv.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160503] Re: Info on Buying Laptop
Message-ID: <04ec01c3a15f\$6b514880\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cal

I've heard a lot of good things about Dell. Personally, I prefer IBM. The price isn't all that much different and the quality, IMO, is a lot better.

One of the issues, tho, is the pointer. Seems like each manufacturer uses only one kind of pointing device. A lot of people really hate the TrakPoint on IBM and Tishiba laptops, I personally like it. It's not that great for drawing, but when you're typing, it's right there. I really hate the little pads, a lot of people like them. I would suggest playing with the different machines at a Best Buy or something like that to find out what you like best before you buy.

Keep in mind, too, that a laptop really isn't all that upgradeable. With a desktop you can upgrade disks, motherboards, video cards, CDs, and keep incrementally upgrading the same machine for years and years. With a laptop all you can really do is upgrade the disk, and that tends to be expensive. On a brand new laptop you might be ablt to add a CD writer or something like that, but the compatible device will no longer be available in a year or so. So keep in mind that the thing will probably be a boat anchor in 3 years or so. Even then, the battery probably has a 1 or 2 year life, and by the time you replace it, the battery will cost more than the laptop is worth.

There's a tremendous amount of convenience to having a laptop, but they are a little more expensive than they appear at first glance.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Francis Callahan" <colcal@srv.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 02, 2003 10:37 AM
Subject: Info on Buying Laptop

> I am thinking of getting a laptop computer. It will only be used for e
mail
> weather reports instant messenger reading news papers and ham radio. It
> won't be used for any files or personal stuff. I have been looking at
Dell
> or Gateway. Any suggestions or info would be greatly appreciated Thanks
Cal
> KF7ET
>
>

Date: Sun, 2 Nov 2003 12:13:08 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [160504] WTB Timewave DSP 9
Message-ID: <002a01c3a164\$969d5240\$74883a18@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello !!

Looking for a DSP 9 in V-GOOD condx .. mail to address.
Thanks !!!!

George Osier , N2JNZ

Date: Sun, 2 Nov 2003 11:16:59 -0600
From: "sjolin" <sjolin@swbell.net>
To: "Francis Callahan" <colcal@srv.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [160505] Re: Info on Buying Laptop
Message-ID: <16d301c3a165\$215ce210\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Francis Callahan" <colcal@srv.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 02, 2003 9:37 AM
Subject: Info on Buying Laptop

> I am thinking of getting a laptop computer. It will only be used for e
mail
> weather reports instant messenger reading news papers and ham radio. It
> won't be used for any files or personal stuff. I have been looking at
Dell
> or Gateway. Any suggestions or info would be greatly appreciated Thanks
Cal
> KF7ET

You might consider an IBM. I got mine used on Ebay for \$250 and it was loaded with programs and it works great. Given the use you plan for yours, I dont think I would buy a new one as you probably dont need the speed, etc.

As far as Dell / Gateway, my desktop is a Gateway and I have been very pleased with its performance and with their customer service when Ive had a question. Dell is probably great too but I havent used them.

Good luck, 73 de Dave, N0IT

Date: Sun, 2 Nov 2003 12:25:28 -0500
From: "Emmersome Bigguns" <n8ie@woh.rr.com>
To: "Pigs" <fpqrp-1@mpna.com>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [160506] The sun done blowed up Paw!
Message-ID: <MMEDLKDLONJOAIGICDJAITEMKFAAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All bands are DEAD, not 1 signal.

Nothing like a total HF blackout during Sweeps. D'ohhhhhhhh!

72, oo
Dan, N8IE

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.535 / Virus Database: 330 - Release Date: 11/1/2003

Date: Sun, 2 Nov 2003 10:58:43 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: <n8ie@woh.rr.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160507] Re: The sun done blowed up Paw!
Message-ID: <006001c3a16a\$f50e8280\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Yep another strong X class flare, X9.2, see:

<http://www.sec.noaa.gov/today.html>

http://www.sec.noaa.gov/rt_plots/dregion.html

http://www.sec.noaa.gov/rt_plots/xray_1m.html

73, Rod N0RC

----- Original Message -----

From: "Emmersome Bigguns" <n8ie@woh.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, November 02, 2003 10:25 AM

Subject: The sun done blowed up Paw!

> All bands are DEAD, not 1 signal.

>

> Nothing like a total HF blackout during Sweeps. D'ohhhhhhhh!

>

> 72, oo

> Dan, N8IE

> ---

> Outgoing mail is certified Virus Free.

> Checked by AVG anti-virus system (<http://www.grisoft.com>).

> Version: 6.0.535 / Virus Database: 330 - Release Date: 11/1/2003

>

>

>

Date: Sun, 02 Nov 2003 18:13:20 +0000

From: "Tom Dufresne" <tdufres@hotmail.com>

To: sjolin@swbell.net, qrp-l@Lehigh.EDU

Subject: [160508] Re: Info on Buying Laptop

Message-ID: <BAY1-F47tNhsPkc1wFp0000b5ed@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

I agree with the above....

Do NOT get a new one! There are several places on ther net where you can pick up a "reconditioned" or used Laptop for practically nothing.(relatively

speaking:)

I am leaning towards Dells C600 Latitude or the Toshiba Satellite series...

Tom

Surf and talk on the phone at the same time with broadband Internet access.
Get high-speed for as low as \$29.95/month (depending on the local service
providers in your area). <https://broadband.msn.com>

Date: Sun, 02 Nov 2003 10:11:45 -0800
From: Adam Farson <farson@shaw.ca>
To: Francis Callahan <colcal@srv.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [160509] RE: Info on Buying Laptop
Message-ID: <BLEKJMCJBOEAAIECDNNCKEIMHGAA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hoi Cal,

I have a Dell Inspiron 8100 (1GHz P3, Win2K) which I purchased 2 years ago;
am very happy with it. Gateway, IBM, HP and Toshiba also have some good
laptops.

Cheers for now, 73,
Adam VA7OJ/AB4OJ

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Francis Callahan
Sent: Sunday, November 02, 2003 07:37
To: Low Power Amateur Radio Discussion
Subject: Info on Buying Laptop

I am thinking of getting a laptop computer. It will only be used for e mail
weather reports instant messenger reading news papers and ham radio. It
won't be used for any files or personal stuff. I have been looking at Dell
or Gateway. Any suggestions or info would be greatly appreciated Thanks
Cal
KF7ET

Date: Sun, 02 Nov 2003 13:13:37 -0500
From: "W. Keith Hibbert" <wkhibbert@frontiernet.net>
To: qrp-l@lehigh.edu
Subject: [160510] Re: For sale: DSW-40 and K1
Message-ID: <5.1.0.14.0.20031102131042.009ec4e0@pop3.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The problem getting to Bruce's site seems to be an Internet Explorer problem. IE5.5 won't work, Mozilla 1.3, Mozilla Firebird 0.7, Opera 6.05 all work on the PC and Safari works under OS-X (10.2.6) on the iMac.

73, Keith, WB2VU0, Trustee of the NQ2RP/B 10-Meter Beacon
28.2873 MHz on Your Radio Dial - 24/7

Date: Sun, 02 Nov 2003 13:14:07 -0500
From: Peter Burbank <peterlee@qx.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160511] Re: The sun done blowed up Paw!
Message-ID: <5.2.0.9.0.20031102130920.00a09710@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dan,
You might want to check your antenna connections.
I checked 40, 20, and 15 here in Ky and lots of SS contenders.
73
Pete NV4V

At 12:25 PM 11/2/2003, Emmersome Bigguns wrote:
>All bands are DEAD, not 1 signal.
>
>Nothing like a total HF blackout during Sweeps. D'ohhhhhhhh!
>
>72, oo
>Dan, N8IE
>---
>Outgoing mail is certified Virus Free.
>Checked by AVG anti-virus system (<http://www.grisoft.com>).
>Version: 6.0.535 / Virus Database: 330 - Release Date: 11/1/2003

Date: Sun, 02 Nov 2003 13:33:54 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Cc: north Georgia QRP Club <nogaqrp@mailman.qth.net>
Subject: [160512] Possible KX1 field antenna on sale at RadioShack
Message-ID: <5.0.2.1.2.20031102132828.02d812a8@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Stopped by local RadioShack store on the way home from Church this afternoon and noticed that they have their windup shortwave radio antenna on sale for \$9.99 (Catalog #: 278-1374). From RadioShack.com: "For travel or home. Clips over receiver's rod antenna. 23-ft. insulated wire stores on reel when not in use."

I have a very similar antenna that came with a Sony shortwave radio a few years ago. It is 25' of wire, but reels up just like the R\$ one does. Was just thinking that with a bit of a counterpoise, this antenna might be perfect with my new KX1 (#073). Nice and compact. Finger dimple to allow quick rollup.

No pecuniary interest in R\$ (wish they had had a frequent buyer program for the last 30 years, though...).

If someone could repost this to the Elecraft list, I would be most grateful.

72 de Mike, K04WX
K1 - 2205
K2 - 205
KX1 - 73

..
Michael C. Boatright

Date: Sun, 2 Nov 2003 13:57:58 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [160513] Re: [fpqrp] The sun done blowed up Paw!
Message-ID: <200311021357.58993.jsielke@pobox.com>
MIME-Version: 1.0

Content-Disposition: inline
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On Sunday 02 November 2003 12:25, Emmersome Bigguns wrote:

> All bands are DEAD, not 1 signal.
>
> Nothing like a total HF blackout during Sweeps. D'ohhhhhhhh!
>
> 72, oo
> Dan, N8IE
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.535 / Virus Database: 330 - Release Date: 11/1/2003
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-l -

Frm NW7US:

At 1725Z 2-XI-2003 an X9.2 flare occurred. Radio blackout is in progress on the sunlit side of the Earth. Estimated time to recovery: 1H 14M. Flare was possibly from region 488. The >100 MeV Proton readings are quite elevated. This might have a possible CME associated with it. However, if the flare is from region 488, it will only glance us, if there is a CME.

More info at <http://prop.hfradio.org/>

Date: Sun, 2 Nov 2003 11:56:21 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [160514] Computer Info
Message-ID: <003501c3a173\$03903800\$09ca1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who gave me advice on the computer seems like the Dell is the most used and also IBM 73 Cal KF7ET

Date: Sun, 2 Nov 2003 18:56:43 -0000
From: "Igor Bubnov" <rx3dty@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160515] Re: The sun done blowed up Paw!
Message-ID: <013b01c3a173\$0eeb04a0\$9109a8c0@toyota>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="windows-1252"
Content-Transfer-Encoding: 7bit

Hi!

Just saw very bright nothern lights here in Iceland. It was bright and
beatiful fluorescence moving fast over whole sky, mostly green (as usual)
but sometimes pink. It is big luck that sky is clear tonight.

Igor, RX3DTY from Reykjavik, Iceland

----- Original Message -----
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 02, 2003 5:58 PM
Subject: Re: The sun done blowed up Paw!

> Yep another strong X class flare, X9.2, see:
>
> <http://www.sec.noaa.gov/today.html>
>
> http://www.sec.noaa.gov/rt_plots/dregion.html
>
> http://www.sec.noaa.gov/rt_plots/xray_1m.html
>
> 73, Rod N0RC
>

> ----- Original Message -----
> From: "Emmersome Bigguns" <n8ie@woh.rr.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, November 02, 2003 10:25 AM
> Subject: The sun done blowed up Paw!
>
>
> > All bands are DEAD, not 1 signal.
> >
> > Nothing like a total HF blackout during Sweeps. D'ohhhhhhhh!

> >
> > 72, oo
> > Dan, N8IE
> > ---
> > Outgoing mail is certified Virus Free.
> > Checked by AVG anti-virus system (<http://www.grisoft.com>).
> > Version: 6.0.535 / Virus Database: 330 - Release Date: 11/1/2003
> >
> >
> >
>
>

Date: Sun, 2 Nov 2003 14:05:52 -0500
From: "Armin Hachmer" <armin@muskoka.com>
To: <n8ie@woh.rr.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160516] Re: The sun done blowed up Paw!
Message-ID: <002201c3a174\$56f0b640\$756c7bd8@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

ah so my mobile radio aint broke?
Good sigs on 14.300 SSB , at 1900Zuluy in central Ontario, otherwise nada.
Made 5 contacts on 40m SS CW this morning.
I answered at 15 wpm but had to get the 60wpm call and data first by
filtering it into my head a few times, haha.

Armin near MacTier
in Central Ontario
VE3TEQ-VA3YB
72.599

----- Original Message -----

From: "Emmersome Bigguns" <n8ie@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, November 02, 2003 12:25 PM
Subject: The sun done blowed up Paw!

> All bands are DEAD, not 1 signal.
>
> Nothing like a total HF blackout during Sweeps. D'ohhhhhhhh!
>

> 72, oo
> Dan, N8IE
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.535 / Virus Database: 330 - Release Date: 11/1/2003
>

Date: Sun, 02 Nov 2003 13:06:56 -0600
From: Kenneth Laine Ketner <ketner@arisbeassociates.com>
To: Swanlist <Swan-Net@topica.com>, Heathlist <heath@listserv.tempe.gov>,
Subject: [160517] Need manual for MICROCRAFT CODE STAR
Message-ID: <3FA555CB.62C30870@arisbeassociates.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

I have acquired a nice Microcraft Code Star, CW reader. The company has moved on to other business endeavors and no longer has information on them. I am seeking a manual and schematic. Looks like a nice unit, so I hope to use it.

73

--

Ken Ketner
ARS KA5ELD (Extra Class)
Personal Webpage: <http://www.wyttynys.net>
Office Webpage: <http://www.pragmaticism.net>
Email:
home: ketner@arisbeassociates.com
office: kenneth.ketner@ttu.edu

US MAIL
PO Box 65135
Lubbock, TX 79464

Date: Sun, 2 Nov 2003 14:30:15 -0500

From: Rick McKee <kc8aon@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [160518] sr@hfradio.org: e-alert 11.02 18:10 UTC
Message-ID: <20031102.143444.3414.1.kc8aon@juno.com>

At 1725Z 2-XI-2003 an X9.2 flare occurred. Radio blackout is in progress on the sunlit side of the Earth. Estimated time to recovery: 1H 14M. Flare was possibly from region 488. The >100 MeV Proton readings are quite elevated. This might have a possible CME associated with it. However, if the flare is from region 488, it will only glance us, if there is a CME.

More info at <http://prop.hfradio.org/>

----- End forwarded message -----

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 2 Nov 2003 14:37:29 +0000
From: ve3ab@mail.mondenet.com
To: qrp-1@lehigh.edu
Subject: [160519] new Yahoo Group..Electronics/Elec Components and Ham radio.
Message-ID: <200311021940.hA2JeI1R015445@webmail.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ive created a new yahoo group. It is a bit in my own self interest..
It will be concentrating on Standard Electronic Components.
Ive already asked some questions to some of the members of this group previously..and I have about a dozen emails about electronic components..IE..how standard is standard? Are components by different manufacturers really directly interchangeable..or are there some slight differences.? If so ..how significant are the differences?
Which components are SAFE to interchange and what are the ones you have to be careful with.
I spoke to a technologist and acting engineer this weekend ..and he told me GATES ie NAND OR ect..are pretty well SAFE to interchange..but timing circuits are sometimes a bit tricky. I

realize this is very general statement. I hope to build up a data base with much more specific information.

Anyways. I hope to also have some interesting ham radio circuits.. ie QRP stuff as well and test jigs..hints and kinks ect. I will be posting some of the emails I have received from folks on the subject of electronics components. If you dont wish your email posted..please let me know. Anyone is welcome to look in on the group and join if you are interessted.

Group home page: <http://groups.yahoo.com/group/Earlshamradio>

Group email address: Earlshamradio@yahoogroups.com

I will be owner and moderator. I have BRAND NEW Norton System Works and my emails/posts will be virus free.

73 Earl VE3AB

Date: Sun, 2 Nov 2003 11:47:39 -0800
From: "PHILIP DECAIRE" <pedecaire@email.msn.com>
To: <qrp-1@Lehigh.EDU>
Subject: [160520] Re: Regen Receiver Fun
Message-ID: <002e01c3a17a\$37272460\$32572a43@grape>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah! Sitting on my workbench (among the other breadboards and projects in-work) is my latest effort at a regen (2N3904 common base RF amp, MPF102 regen detector, LM386 audio amp) and a homebrew active antenna with an 18 inch clip lead for the pickup. Both are built "Manhattan" style, my first projects built like that (and of course, I'm hooked on that construction technique now!). Both are in boxes (usually do this on plug-in breadboards) because they were far too much fun for just temporary use. The regen stage is sort of a Hartley with a few turn link, rather than a tapped coil, which is fed from a pot in the JFET source. Even added a bandspread tuning pot (a necessity on a receiver that tunes 9 to 19 MHz in a half turn of the knob!) which feeds voltage to a varicap diode. A "bandswitch" puts in an extra fixed cap to get to 49 and 40 meters.

I spend at least a few minutes with it every week just to remind myself how well simple circuits can work. Yes, the sensitivity of a typical regen is amazing. I built some

gain into the active antenna, but the first thing I found was that I had to add a "volume control" to it and crank it nearly all the way down so as not to overload the regen. It has trouble with strong signals but not with weak ones. For what's in them, these regens work much better than one would think. They separate stations and do a good job on CW and passably on SSB even. Was surprised at how well it handled the CW SS'ers on 40M last night. I must admit however that I've never even attempted a ham QSO with a regen receiver, because of worries about overload and drift. A good DC receiver can be nearly as simple and work better, but not for AM signals which is where the regen really shines. If you've played with simple superhets, where its easy to overload the IF amp and clip off all the audio on strong signals, you realize that somehow the regen detector performs an admirable AGC job too.

I don't often sit and listen to SWBC, but I like to tune around and see what can be heard and how strongly its coming in. There are some rather interesting programs and music on the stations, and one can get sidetracked on a jaunt thru the bands. Radio Netherlands (when its broadcasting in English) can be hard to get past. These days, as often as not, the stations aren't transmitting from their home turf, so you don't always know where the signals are coming from. Radio Netherlands broadcasts from the Caribbean. The Voice of Greece booms in on 17 MHz; I believe its actually broadcast by Radio Canada, somewhere on the east coast of Canada. Regardless, SWLing is fun and there are a lot of things out there to hear. Using a regen receiver, especially one you have just built yourself, cranks the fun up another notch or two.

Nearly lost my composure when I saw the receiver project in the latest QST! Talk about a fun looking receiver! Looking at the schematic takes me back to the days when you could pop out the IF tube in a receiver, wrap a short wire around the grid pin, run the wire up the outside of the glass envelope, then plug it back in. For those who have never done this, the feedback capacitance added between the plate and grid gave you a regenerative IF stage to boost the gain and selectivity. You could even make it oscillate as a BFO to receive CW and SSB. You just adjusted the position of the wire to get the amount of regeneration you wanted. Cool trick. The deluxe version added a pot in the cathode lead as a regeneration control.

Regen may be outmoded for serious communications with

today's technology, but I'll bet there are plenty of us experimenters still tuning the bands with them.

72's, Phil WB7AEI

Date: Sun, 2 Nov 2003 15:06:21 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <ko4wx@mindspring.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [160521] Re: Possible KX1 field antenna on sale at RadioShack
Message-ID: <008f01c3a17c\$c95567a0\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's a neat idea for portable dipole....

<http://www.eham.net/articles/5523>

----- Original Message -----

From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 02, 2003 1:33 PM
Subject: Possible KX1 field antenna on sale at RadioShack

> Stopped by local RadioShack store on the way home from Church this
> afternoon and noticed that they have their windup shortwave radio
antenna
> on sale for \$9.99 (Catalog #: 278-1374). From RadioShack.com: "For
travel
> or home. Clips over receiver's rod antenna. 23-ft. insulated wire
stores on
> reel when not in use."
>
> I have a very similar antenna that came with a Sony shortwave radio a
few
> years ago. It is 25' of wire, but reels up just like the R\$ one does.
Was
> just thinking that with a bit of a counterpoise, this antenna might be
> perfect with my new KX1 (#073). Nice and compact. Finger dimple to
allow
> quick rollup.

>
> No pecuniary interest in R\$ (wish they had had a frequent buyer
program for
> the last 30 years, though...)
>
> If someone could repost this to the Elecraft list, I would be most
grateful.
>
> 72 de Mike, K04WX
> K1 - 2205
> K2 - 205
> KX1 - 73
>
> ..
> Michael C. Boatright
>
>
>

Date: Sun, 02 Nov 2003 14:07:37 -0600
From: Jim Crooke <crooke@crooke.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160522] FS: IC-703
Message-ID: <5.2.1.1.0.20031102135918.00a61360@mail.whiz.to>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Absolutely great condition IC-703 HF only with Inrad CW filter installed
for sale \$575 plus shipping.

Paypal preferred.

73 es oo de Jim KJ0C
Healer of Brachycephalics and other fine looking creatures
in Springfield, MO
FP # -108 and semi-official veterinarian of the Flying Pigs QRP Club
PITA #2 SOC #37

Date: Sun, 2 Nov 2003 15:10:28 -0500
From: "KB0VCC" <kb0vcc@Adelphia.Net>
To: <qrp-l@Lehigh.EDU>
Subject: [160523] Re: Info on Buying Laptop
Message-ID: <000301c3a17d\$5cbcb200\$6401a8c0@DaleCompaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you have any intention of using your notebook with ham radio interfaces such as those for PSK-31, etc. make sure there's an RS-232 (serial) port. The Compaq I purchased a few months ago has three (count them!) USB ports, but NO serial ports. I found a rather inexpensive "adapter" that will convert a USB port to RS-232 (see: <http://www.sewelldev.com/USBtoSerial.asp>) that works GREAT, but I've discovered it produces a bit of RF hash in the VHF band (right around 144.200, unfortunately). I've not yet tried ferrite or anything to quiet that down, as it is not a problem on HF, which is where I spend 99.999% of my radio time.

GL es 72/73,
Dale

=====

Dale Anderson, KB0VCC	In the Mt Washington Valley
QRP-L #91 / QRP-NE #600	Conway, New Hampshire
ARS #234 / FISTS #3172	Grid Sq: FN43kx
CQC #251 / QRP-ARCI #11446	http://www.qsl.net/kb0vcc

Date: Sun, 2 Nov 2003 15:17:50 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "Francis Callahan" <colcal@srv.net>,
"Dave Sjolín" <sjolin@swbell.net>
Subject: [160524] Re: Info on Buying Laptop
Message-ID: <002301c3a17e\$63c9d9f0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was going to mention this, although there are some things to be careful of when buying a used laptop, and some folks have a different sensitivity to price than others.

I recently bought a used laptop and I'm tickled to death with it. It cost me less than a third of what a new laptop cost, and I'm pretty confident I'll get at least a third of the use out of it <g>

One big issue is the battery. Laptop batteries cost up to \$200, with most being in the \$100 neighborhood. This is a hard thing to check when you buy a used laptop, and it's a major reason why people trade in otherwise perfectly good laptops. These are usually Lithium Ion batteries anymore, so you can't just replace the cells like you can in an old NiCd battery.

The other thing I failed to mention is ports. You said you wanted it for ham use, and so you will need ports. Look carefully, a lot of laptops are deficient in ports, or they need a docking station or port replicator to access them. There is precious little amateur software that works with the USB ports that are popular, and for many of these applications, the USB to serial adapter won't work, either.

And don't be too stingy with the hard drive. You said you only wanted it for things that basically don't need storage. Recognize that a laptop is a terribly convenient thing, and it's hard not to use it most of the time for everything. You may find that your main computer will sort of fall by the wayside.

Also, for many of the things you mentioned, you will need to be connected. For a laptop, you really lose a lot of the advantage if you need to be wired. Think about making a connection to whatever your home connection is over wireless. Again, it depends a bit on your sensitivity to price, but the kinds of things you mentioned will be just fine over the cheaper 802.11b, although a lot of folks will tell you that 802.11g is better. It is, but it's a lot pricier.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "sjolin" <sjolin@swbell.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, November 02, 2003 12:16 PM

Subject: Re: Info on Buying Laptop

> Given the use you plan for yours, I don't think I would buy a new one
> as you probably don't need the speed, etc.

Date: Sun, 2 Nov 2003 22:09:30 +0100
From: "Sverre Holm" <la3za@qsl.net>
To: <ted.albert@fuse.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [160525] RE: Regen Receiver Fun
Message-ID: <000f01c3a185\$a75c9250\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> On Behalf Of Ted Albert

>

> So now I'm trying to decide whether to build the PipSqueak or the WBR
> special next.

>

> Anyone else on the list "suffering" with regen madness these days?

I've had a lot of fun with the WBR receiver which I built
Manhattan-style a few weeks ago. Although it doesn't match a good
superhet, you get more performance per component than in any other
receiver! The WBR is a regenerative receiver with good isolation from
the antenna and with little interaction between tuning and regeneration
controls.

The WBR has a JFET detector and a separate oscillator for the
regeneration, plus an LM386 audio amplifier. WBR = Wheatstone Bridge
Regen, and that is the unique part of it, a sort of a balanced input
circuit with very loose coupling to the antenna for minimizing radiation

Unlike other regens I have tried, it is stable enough to listen to
CW/SSB. Mine covers from 7.0 to almost 7.3 MHz, and I also use it for
listening to broadcasts. Of course, I just had to make some
'improvements' so I have modified the original design slightly by adding
more audio gain (NPN transistor between JFET and LM386) and an audio
gain control.

Maybe the next project should be a superregenerative? I wonder if there
is a 'modernized' superregen design around, say for 2 meter?

--

73,
Sverre

Sverre Holm, LA3ZA

www.qsl.net/la3za

Date: Sun, 2 Nov 2003 16:27:42 -0500 (EST)
From: "n2cx" <n2cx@voicenet.com>
To: qrp-l@lehigh.edu
Cc: njqrp@njqrp.org
Subject: [160526] PAC-12 and Tenna Dipper - long, biased
Message-ID: <200311022127.hA2LRgd0020685@email2.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Group,

I was fortunate to be in on the ground floor so to speak with James Bennett's (KA5DVS) neat PAC-12 antenna. Several years ago he brought his first prototype out to QRP To The Field. Its small size and clever construction impressed everyone there. I encouraged James to write it up and so he did! The article appeared in the QRP Homebrewer and proved so popular that James allowed us to post the info on the NJQRP web site for all to enjoy.
<<http://www.njqrp.org/pac-12/index.html>>

Needless to say I duplicated it post haste and found it much to my liking. Much as James, I travel frequently on business and need a small antenna that can be packed in my luggage and set up nearly anywhere. Since it breaks down into 12 inch pieces it tucks away in almost any suitcase.

Fast forward a couple of years - James has now gone commercial! He has a web site under [pacificantenna.com](http://www.pacificantenna.com) with the details. Suffice it to say that it is basically the same design, polished a bit and including machined parts that take away the need for exotic tools. All you have to do is wind the loading coil and screw it together.

James was kind enough to include me in the beta test group. I had mine built in record time and used it effectively in This year's QTTF. While not as effective as a tri-bander at 60 feet, it managed to snag 40 meter contacts all over the East coast and 20 meter Q's out to New Mexico.

Since then I've used it by necessity at the home QTH. My fixed antenna was taken down as a preventative measure

During hurricane season and I've not decided what its replacement will be. So the PAC-12 is the interim home antenna. It seems to do quite well for my casual operation.

I've done a couple of things to enhance its operation. The first is to mount it on a 3 foot high metal fence. This gives it mechanical stability and adds to the ground plane. I've also added six 15 foot radials to the ground system. The basic set of radials included with the kit work pretty well for 20 meters and up but more ground is needed for stable operation on 30 and 40. Incidentally you can gauge if you need more radials by noting SWR readings at the far end of your feedline. If touching the shield of the coax or the SWR meter case changes the SWR, your feedline is acting as part of the ground system. While the antenna will work, its operation may be affected by cable placement and body proximity. Just add more radials as I've done and things settle down.

Yet another find is the KD1JV Tenna Dipper! This thing was absolutely *made* for portable antennas and is a great adjunct to the PAC-12. Mine is installed in a Whitman's Sampler tin and goes everywhere with the PAC-12. It makes adjustment to resonance painless. Be sure to order one from the Four States QRP Group ASAP. You will not be disappointed. See <http://www.w0ch.net/fsqrp/kits/kits.htm> for details. Steve Melt Solder the recent recipient of the NORCAL QRP Contributor of the Year has graciously allowed that new club to offer his kit to support their operations.

While the PAC-12 and the Tenna Dipper are not the ultimate in performance they are a convenient way to quickly and

inexpensively get on the air to make lots of contacts when it is difficult to use a more traditional antenna.

Please check them out! Now I'm not a paid employee or any other such blather. I am a sort of insider being friends with the folks involved and having been a PAC-12 beta tester. My main reward is being able to share my positive results to encourage others to use this pair of worthwhile products.

72/73,

Joe E., N2CX

Date: Sun, 02 Nov 2003 16:43:51 -0500
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: qrp-1@Lehigh.EDU, "John J. McDonough" <wb8rcr@arrl.net>
Subject: [160527] Re: Info on Buying Laptop
Message-ID: <3FA53447.20477.DA6184@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

I agree with John.

About a year ago I got a hankering for a laptop and purchased a Toshiba 233 MMX for \$240. It has 232, USB and infra-red. The battery was dead so I found a replacement on ebay for \$25 (there are people who rebuild laptop batteries..the one I purchased lasts for about a.5 hours and is fine for my needs. I didn't like the 4GB HD. I upgraded the W98 OS to recognize a large HD and purchased a 20GB HD on ebay for \$85. Works fine. Also bought network cards (have both ethernet and 11g). Both work fine. Went to Eckerd's and bought an AT&T prepaid internet access card for \$10 (2 hours on 800 number or 8 hours on local access number...have ever been anywhere where I had to use the 800 number). Bought the \$30 Digi-Traveler GPS. Also bought inverter for car and various cables.

I have about 40% of the cost of a new machine invested. The 233 is fine for traveling..surfing, word processing/report preparation (my math modeling software for the day job runs fine), data logging, running the GPS etc. I figure that I have about \$400-500 invested and it is one of my more worthwhile purchases.

What I would do differently...the AC inverter makes lots of RF hash...will check into the N4UAU(?) DC-DC converter. The laptop screen is TFT(?) and washes out easily in daylight. I would look for a unit with an easier to view screen. Also, the Toshiba has a pencil eraser type thing that passes for a mouse. Very difficult to use in the car. I would look for a unit with a touch pad. my partial workaround for the mouse problem consisted of going into the control panel and setting the maximum trail

time
and minimum speed for the mouse.

I am toying with putting a dedicated PC in the vehicle. The new mini-itx boards seem promising. Haven't really thought this through yet...I found a promising video display for a reasonable price (http://www.ssl-hk.com/index_online.html) and would use and infrared keyboard/mouse. The problems are having to wait for a bootup whenever the car is started and I worry about the hardness of things like the HD. It might be easier to just put a laptop in the vehicle.

Meanwhile, I anxiously await John's PIC tutorials....

Henry

On 2 Nov 2003 at 15:17, John J. McDonough wrote:

> I was going to mention this, although there are some things to be
> careful of when buying a used laptop, and some folks have a different
> sensitivity to price than others.
>
> I recently bought a used laptop and I'm tickled to death with it. It
> cost me less than a third of what a new laptop cost, and I'm pretty
> confident I'll get at least a third of the use out of it <g>
>
> One big issue is the battery. Laptop batteries cost up to \$200, with
> most being in the \$100 neighborhood. This is a hard thing to check
> when you buy a used laptop, and it's a major reason why people trade
> in otherwise perfectly good laptops. These are usually Lithium Ion
> batteries anymore, so you can't just replace the cells like you can in
> an old NiCd battery.
>
> The other thing I failed to mention is ports. You said you wanted it
> for ham use, and so you will need ports. Look carefully, a lot of
> laptops are deficient in ports, or they need a docking station or port
> replicator to access them. There is precious little amateur software
> that works with the USB ports that are popular, and for many of these
> applications, the USB to serial adapter won't work, either.
>
> And don't be too stingy with the hard drive. You said you only wanted
> it for things that basically don't need storage. Recognize that a
> laptop is a terribly convenient thing, and it's hard not to use it
> most of the time for everything. You may find that your main computer
> will sort of fall by the wayside.
>

> Also, for many of the things you mentioned, you will need to be
> connected. For a laptop, you really lose a lot of the advantage if
> you need to be wired. Think about making a connection to whatever
> your home connection is over wireless. Again, it depends a bit on
> your sensitivity to price, but the kinds of things you mentioned will
> be just fine over the cheaper 802.11b, although a lot of folks will
> tell you that 802.11g is better. It is, but it's a lot pricier.

>
> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
> didileydadidah QRP-L #1446 Code Warriors #35

> ----- Original Message -----

> From: "sjolin" <sjolin@swbell.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, November 02, 2003 12:16 PM
> Subject: Re: Info on Buying Laptop

>
>
> > Given the use you plan for yours, I don't think I would buy a new
> > one as you probably don't need the speed, etc.

>
>
>

Date: Sun, 2 Nov 2003 14:37:04 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [160528] Re: zip cord j-pole?
Message-ID: <20031102223704.34635.qmail@web9601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- David Hinerman <WD8CIV@worldnet.att.net> wrote:
> Folks,
>
> Has anyone tried making an HF J-pole from zip cord
> (aka speaker wire)?
>

Never tried it, but I'd think that it probably
wouldn't work as well as using twinlead. I'd think
that having the wire that close together would cause a
bit of capacitive coupling and might make it hard to

find a good match.

On the other hand, it might be worth a try.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Exclusive Video Premiere - Britney Spears
<http://launch.yahoo.com/promos/britneyspears/>

Date: Sun, 02 Nov 2003 16:18:21 -0700
From: KJ7UN <kj7un@kj7un.com>
To: ketner@arisbeassociates.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [160529] Re: Need manual for MICROCRAFT CODE STAR
Message-ID: <3FA590BD.7030506@kj7un.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

<http://www.sarrio.com/sarrio/rsman3.html>
I found a Microcraft Code manual at the above address - but it might not
be the right one. Hope it helps.
KJ7UN

Kenneth Laine Ketner wrote:

>I have acquired a nice Microcraft Code Star, CW reader. The company has
>moved on to other business endeavors and no longer has information on
>them. I am seeking a manual and schematic. Looks like a nice unit, so I
>hope to use it.
>
>73
>
>--
>
>Ken Ketner
>ARS KA5ELD (Extra Class)
> Personal Webpage: <http://www.wyttynys.net>
> Office Webpage: <http://www.pragmaticism.net>
>Email:

> home: ketner@arisbeassociates.com
> office: kenneth.ketner@ttu.edu
>
>US MAIL
>PO Box 65135
>Lubbock, TX 79464
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Date: Sun, 2 Nov 2003 17:19:54 -0600
From: "Mike Gusky" <mgusky@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [160530] Re: Info on Buying Laptop
Message-ID: <003d01c3a197\$d2cf7210\$6402a8c0@D8819N31>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Cal,

I just purchased a new Dell Latitude with Centrino technology. Very pleased with it.....However, several vendors offer the same technology. The Centrino stuff really gets the most out of your battery and offers built-in wireless. If you are going to use your laptop as a desktop replacement and are not concerned with battery time.....you can save some dollars and opt for one of the Intel Pentium IV mobile processors or Celeron units....they generate more heat and drain a battery much faster, but it doesn't matter if you are running off the AC adaptor. You will find today's notebooks (no longer called laptops because they can get pretty hot and burn your leg if you have it sitting on your lap) fall mostly into two categories.....the "desktop replacements" and those that are used by the road warriors....the mobile-minded folks that really need good battery life.

My 2 cents worth.....good luck

Mike
K5UX

----- Original Message -----

From: "Adam Farson" <farson@shaw.ca>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, November 02, 2003 12:11 PM

Subject: RE: Info on Buying Laptop

> Hoi Cal,

>

> I have a Dell Inspiron 8100 (1GHz P3, Win2K) which I purchased 2 years ago;

> am very happy with it. Gateway, IBM, HP and Toshiba also have some good > laptops.

>

> Cheers for now, 73,

> Adam VA7OJ/AB4OJ

>

>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Francis Callahan

> Sent: Sunday, November 02, 2003 07:37

> To: Low Power Amateur Radio Discussion

> Subject: Info on Buying Laptop

>

>

> I am thinking of getting a laptop computer. It will only be used for e mail

> weather reports instant messenger reading news papers and ham radio. It

> won't be used for any files or personal stuff. I have been looking at Dell

> or Gateway. Any suggestions or info would be greatly appreciated Thanks

> Cal

> KF7ET

>

Date: Sun, 2 Nov 2003 18:29:14 -0500

From: <bill@n4qa.com>

To: <qrp-1@Lehigh.EDU>

Subject: [160531] Re: Info on Buying Laptop

Message-ID: <001701c3a199\$2207a360\$f025ad80@f1n5n8>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

For *my* 'ham pc', I use the IBM ThinkPad 600E...which currently runs the Windows 98SE operating system.

Has *only* a ten gig hard drive, 400MHz PII processor, 128MB ram, 56K modem...

Has Legacy printer and serial ports (and PCMCIA slots, of course) for connectivity with my simple homebrew projects plus apps such as DigiPan, MMTTY etc.

USB port for...well, for USB connectivity.

Small footprint on the project/operating bench.

Just purchased a 'mobile' DC-DC power converter...10-14 VDC in....12-18 VDC out in discrete steps...great for running the TP from a 'car' or 'deep-cycle marine' battery...

It's all I currently need to stay connected.....got it for pennies on the dollar at 'you-know-where'...

There ARE much newer (and much more expensive) models floating around out there...with varying degrees of connectivity.

YMMV...kinda depends on what your current and future needs might be...

73.

Bill, N4QA

<http://www.n4qa.com>

End of QRP-L Digest 3092

